

CLAIMS

1. A separator for fuel cell having a bending strain at break of 0.5% or more.
2. The separator for fuel cell according to claim 1, having a compressive modulus of 20 GPa or less.
3. The separator for fuel cell according to claim 1 or 2, having a Shore hardness ranging from 20 to 50.
4. A separator for fuel cell having a compressive modulus of 20 GPa or less.
5. The separator for fuel cell according to claim 4, having a Shore hardness ranging from 20 to 50.
6. A separator for fuel cell having a Shore hardness ranging from 20 to 50.
7. The separator for fuel cell according to any one of claims 1 to 6, wherein the separator is a molded body comprising graphite and a resin.
8. A separator for fuel cell made of a molded body comprising graphite and a resin, wherein, after soaking the separator at 80°C for 100 hours in 30 times the volume of the molded body of water, total concentration of sodium, potassium, iron, nickel and magnesium released into the soaking water is 20 ppm or less, and concentration of sulfur released into the soaking water is 30 ppm or less.
9. The separator for fuel cell according to any one of claims 1 to 8, wherein the separator has a rib

portion and a flat portion.

10. The separator for fuel cell according to claim 7 or 8, wherein the graphite is expanded graphite.

11. The separator for fuel cell according to claim 10, wherein the expanded graphite is a pulverized powder of the expanded graphite sheet.

12. The separator for fuel cell according to claim 7 or 8, wherein the resin is a thermosetting resin.

13. The separator for fuel cell according to any one of claims 1 to 12, wherein the separator has opening portions other than the rib portion and the flat portion.

14. A fuel cell comprising a separator for fuel cell according to any one of claims 1 to 13.

15. The fuel cell according to claim 14, wherein the fuel cell is a polymer electrolyte fuel cell.